

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Appl. of: § Docket No.: ACH2650P1US  
Jan Nieman, et al §  
Serial No.: Unassigned § Express Mail Label No.:  
Filing Date: Even date Herewith § EL229675720US  
Title: Catalyst Carrier with High §  
Diesel Selectivity

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Box: New Application  
Asst. Commissioner for Patents  
Washington, D.C. 20230

**PRELIMINARY AMENDMENT AND SUBSTITUTE SPECIFICATION UNDER  
37 CFR §1.125(b)**

Sir,

In the Specification

Attached is a marked-up copy of a substitute specification showing the matter being added to and the matter being deleted from the specification of record. Also attached is a substitute specification in clean form.

The substitute specification includes no new matter.

In the Claims

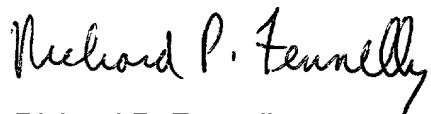
Please amend the claims as follows (with the filing fee to be based on the claims, as amended):

2. (amended) The carrier composition of claim 1 wherein the clay of which the clay platelets are formed [is] comprises a saponite.
3. (amended) The carrier composition of claim 1 [or 2] wherein the cogel comprises oxidic compounds of aluminum, silicon, and magnesium.
4. (amended) The carrier composition of claim[s] 1[-3] wherein the carrier composition comprises an amorphous support material.
6. (amended) A catalyst comprising the carrier composition of claim[s] 1[-5] and at least one hydrogenation metal component selected from a Group VIB metal component, a Group VIII metal component or mixtures thereof.
8. (amended) A process for converting heavy feedstock into middle distillates comprising contacting the feedstock at elevated temperature and pressure with hydrogen in the presence of the catalyst of claim 6 [or 7].

Add a new claim 9 to read:

9. A process for converting heavy feedstock into middle distillates comprising contacting the feedstock at elevated temperature and pressure with hydrogen in the presence of the catalyst of claim 7.

Respectfully submitted,



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